

Receipt date: 06/29/2004

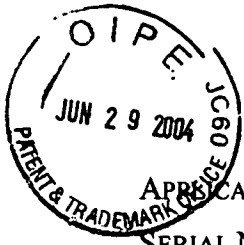
Express Mail Label No.: EV 392155865 US

Date of Deposit: June 29, 2004

10774843 - GAU 1633

Attorney Docket No.: 24024-505

07-01-04



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Peled, et al.
SERIAL NUMBER: 10/774,843 EXAMINER : Not Yet Assigned
FILING DATE: February 9, 2004 ART UNIT : 1645
FOR: EXPANSION OF RENEWABLE STEM CELL POPULATIONS

Mail Stop Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Transmitted herewith for filing in the present application are the following documents:

1. Information Disclosure Statement (2 pages), in duplicate;
2. Modified Form 1449/PTO (4 pages), in duplicate;
3. Copies of Cited References: A1-9; B1-5; C1-103; and
4. Return Postcard.

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 542-6000, Boston, Massachusetts.

The Commissioner is authorized to charge any fees that may be due, or to credit any overpayment, to the undersigned's account, Deposit Account No. 50-0311 Ref. No. 24024-505. A duplicate copy of this transmittal letter is enclosed herewith.

Respectfully submitted,

Matthew Parnes Reg. No. 54572
Ivor R. Elrifi, Reg. No. 39,529
Attorney(s) for Applicants

MINTZ, LEVIN, COHN, FERRIS,
GLOVSKY and POPEO, P.C.

Address all written correspondence to

Customer no.: 30623

Tel: (617) 542-6000

Fax: (617) 542-2241

Date: June 29, 2004

TRA 1932422v1

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /M.L.

Receipt date: 06/29/2004

Express Mail Label No.: EV 392155865 US

Date of Deposit: June 29, 2004



10774843 - GAU: 1633

Attorney Docket No.: 24024-505

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Peled, et al.
SERIAL NUMBER: 10/774,843 EXAMINER : Not Yet Assigned
FILING DATE: February 9, 2004 ART UNIT : 1645
FOR: EXPANSION OF RENEWABLE STEM CELL POPULATIONS

MAIL STOP AMENDMENT

Commissioner for Patents

PO Box 1450

Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants hereby make of record the documents listed on the attached modified Form PTO-1449, as well as copies of the listed documents.

This Information Disclosure Statement is being filed before the mailing date of a first Office Action based on the merits in the above-identified case. Accordingly, no fee or certification is believed required.

It is respectfully requested that the Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims, and sign the enclosed form PTO-1449 to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application.

By submitting this Information Disclosure Statement, the Applicants make no representation that: (1) a search has been performed, of the extent of any search performed, or that more relevant information does not exist; (2) the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b); and (3) the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /M.L./

Receipt date: 06/29/2004

10774843 - GAU: 1633

APPLICANT: Peled, et al.
U.S.S.N.: 10/774,843

Notwithstanding any statements by the Applicants, the Examiner is urged to form his/her own conclusion regarding the relevance of the cited information. An early and favorable action is hereby requested.

Please charge any fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311, Reference No. 24024-505.

Respectfully submitted,

 Reg. No. 39,529

Ivor R. Elrifi, Reg. No. 39,529
Attorney(s) for Applicants
MINTZ, LEVIN, COHN, FERRIS,
GLOVSKY and POPEO, P.C.

Address all written correspondence to

Customer no.: 30623

Tel: (617) 542-6000

Fax: (617) 542-2241

Date: June 29, 2004

TRA 1932418v1

Express Mail Label: EV 392155865 US
Date of Deposit: June 29, 2004

Page 1 of 4
Attorney Docket No.: 24024-505

Please type a plus sign (+) in this box



Modified Form 1449/PTO				Application Number		10/774,843	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Filing Date		February 9, 2004	
				First Named Inventor		Peled	
				Group Art Unit		1645	
				Examiner Name		Not Yet Assigned	
				Attorney Docket Number		24024-505	
U.S. PATENT DOCUMENTS							
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
	A1	4,642,120	02/10/87	Nevo, et al.	623	16	
	A2	5,486,359	01/23/96	Caplan, et al.	424	93.7	
	A3	5,654,186	08/05/97	Cerami, et al.	435	325	
	A4	5,716,411	02/10/98	Orgill et al.	623	15	
	A5	5,716,616	02/10/98	Prockop, et al.	424	93.7	
	A6	5,736,396	04/07/98	Bruder, et al.	435	366	
	A7	5,830,760	11/03/98	Tsai, et al.	435	377	
U.S. PUBLISHED APPLICATION DOCUMENTS							
Exam Initials	Cite No.	U.S. Published Application No.	Published Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
	A8	2002/0114784 A1	08/22/02	Li, et al.	424	93.2	
	A9	2002/0159981 A1	10/31/02	Peled, et al.	424	93.7	
FOREIGN PATENT DOCUMENTS							
Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No		
	B1	WO 97/31647	IMCLONE SYSTEMS INCORPORATED	09/04/1997			
	B2	WO 97/33978	LIFE TECHNOLOGIES, INC	09/18/1997			
	B3	WO 98/25634	HADASIT MEDICAL RESEARCH SERVICES & DEVELOPMENT COMPANY LTD.	06/18/98			
	B4	WO 99/40783	GAMIDA CELL LTD.	08/19/99			
	B5	WO 00/18885	GAMIDA CELL LTD.	04/06/00			
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS							
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.					
	C1	Alter, B. P., <i>Exper. Hematol.</i> , 7(5):200-209 (1979).					
	C2	Bae, et al., <i>J. Nutr. Biochem.</i> , 5:457-461 (1994).					
	C3	Bae, et al., <i>J. Nutr.</i> , 123(6):997-1002 (1993).					
	C4	Baum, et al., <i>Proc. Natl. Acad. Sci. USA</i> , 89:2804-2808 (1992).					
	C5	Bernhard, et al., <i>Cancer Res.</i> , 55:1099-1104 (1995).					
	C6	Bhatia, et al., <i>Proc. Natl. Acad. Sci. USA</i> , 94:5320-5325 (1997).					
	C7	Blau, et al., <i>Blood</i> , 81(1): 227-233 (1993).					
	C8	Borthwick, et al., <i>J. Lab. Clin. Med.</i> , 95(4):575-580 (1980).					
	C9	Brazelton, et al., <i>Science</i> , 290:1775-1779 (2000).					
	C10	Breitman, et al., <i>Proc. Natl. Acad. Sci. USA</i> , 77(5):2936-2940 (1980).					

Express Mail Label: EV 392155865 US
Date of Deposit: June 29, 2004

Page 2 of 4
Attorney Docket No.: 24024-505

C11	Brugger, et al., <i>N. Engl. J. Med.</i> , 333(5):283-287 (1995).
C12	Cable, et al., <i>Hepatology</i> , 26(6):1444-1457 (1997).
C13	Caliaro, et al., <i>Int. J. Cancer</i> , 56:743-748 (1994).
C14	ChemMaster Safety Data Sheet, pp 1-4 (1999).
C15	Cicuttini, et al., <i>Blood</i> , 80(1):102-112 (1992).
C16	Cote, et al., <i>Blood</i> , 100(7):2586-2596 (2002).
C17	De Bruyn, et al., <i>Stem Cells</i> , 13:281-288 (1995).
C18	Douer, et al., <i>Leukemia</i> , 14(5):874-881 (2000).
C19	Drayson, et al., <i>Exp. Cell Res.</i> , 266(1):126-134 (2001).
C20	Dubois, et al., <i>J. Pediatr. Gastroenterol. Nutr.</i> , 10:77-81 (1990).
C21	Duncan, et al., <i>Mol. Med. Today</i> , 3(12):554-561 (1997).
C22	Eipers, et al., <i>Blood</i> , 86(10):3754-3762 (1995).
C23	Emerson, S. G., <i>Blood</i> , 87(8):3082-3088 (1996).
C24	Ferbeyre, G., <i>Leukemia</i> , 16:1918-1926 (2002).
C25	Fisch, et al., <i>Eur. J. Immunol.</i> , 26:595-600 (1996).
C26	Freedman, et al., <i>Nat. Med.</i> , 2(1):46-51 (1996).
C27	Freshney, R. I., "Culture of Animal Cell, A Manual of Basic Technique", John Wiley & Sons, Third Edition, pp 309-311 and 327-328.
C28	Grenda, et al., <i>Blood</i> , 100(9):3221-3228 (2002).
C29	Heslop, et al., <i>Nat. Med.</i> , 2(5):551-555 (1996).
C30	Hino, et al., <i>Biochem. Biophys. Res. Commun.</i> , 256(1):184-191 (1999).
C31	Hirase, et al., <i>Ascta Haematol.</i> , 87(4):195-197 (1992).
C32	Hottinger et al., <i>Eur. J. Neurosci.</i> , 9:1548-1551 (1997).
C33	Kapil, et al., <i>Blood</i> , 89(10):3607-3614 (1997).
C34	Kawa, et al., <i>Pigment Cell Res.</i> , 13(suppl. 8):73-80 (2000).
C35	Kohroki, et al., <i>Leukemia Res.</i> , 22(5):405-412 (1998).
C36	Koller, et al., <i>Blood</i> , 82(2):378-384 (1993).
C37	Krause, et al., <i>Cell</i> , 105:369-377 (2001).
C38	Labrecque, et al., <i>Blood</i> , 92(2):607-615 (1998).
C39	Lagasse, et al., <i>Nat. Med.</i> , 6(11):1229-1234 (2000).
C40	Lange, et al., <i>Leukemia</i> , 10(6):943-945 (1996).
C41	Lassila, et al., <i>Cell. Immunol.</i> , 122(2):319-328 (1989).
C42	Lau, et al., <i>J. Biol. Chem.</i> , 249(18):5878-5884 (1974).
C43	Lebkowski, et al., <i>Blood Cells</i> , 20:404-410 (1994).
C44	Leslie, et al., <i>Blood</i> , 92(12):4798-4807 (1998).
C45	Madlambayan, et al., <i>J. Hematother. Stem Cell Res.</i> , 10:481-492 (2001).
C46	Mezey, et al., <i>Science</i> , 290:1779-1782 (2000).
C47	Miller, et al., <i>Proc. Natl. Acad. Sci. USA</i> , 94:13648-13653 (1997).
C48	Moore, et al., <i>Blood Cells</i> , 20:468-481 (1994).
C49	Morimoto, et al., <i>Biochem. Int.</i> , 28(2):313-321 (1992).
C50	Morosetti, et al., <i>Blood</i> , 87(10):4399-4403 (1996).
C51	Morrison, et al., <i>Immunity</i> , 1:661-673 (1994).
C52	Morrison, et al., <i>Development</i> , 124:1929-1939 (1997).
C53	Mueller, et al., <i>Blood</i> , 100(3):998-1007 (2002).
C54	Munshi, et al., <i>J. Biol. Chem.</i> , 277(51):49453-49458 (2002).

Express Mail Label: EV 392155865 US
Date of Deposit: June 29, 2004

Page 3 of 4
Attorney Docket No.: 24024-505

C55	Muramatsu, et al., <i>Biochem. Biophys. Res. Commun.</i> , 285(4):891-896 (2001).
C56	Murray, et al., <i>Clin. Exp. Immunol.</i> , 53:744-749 (1983).
C57	Osawa, et al., <i>Science</i> , 273:242-245 (1996).
C58	Palmiter, R. D., <i>Proc. Natl. Acad. Sci. USA</i> , 91(4):1219-1223 (1994).
C59	Peled, et al., <i>Brit. J. Hematol.</i> , 116:655-661 (2002).
C60	Peled, et al., <i>Blood</i> , Abstract #2551 only, 40 th Annual Meeting of American Society of Hematology, Miami, FL, 92(10 Suppl. 1 part 1-2):618A-619A (1998).
C61	Percival, S. S., <i>Am. J. Clin. Nutr.</i> , 67(suppl):1064S-1068S (1998).
C62	Percival, S. S., <i>Nutr. Rev.</i> , 53(3):59-66 (1995).
C63	Percival, et al., <i>J. Nutr.</i> , 122(12):2424-2429 (1992).
C64	Perrotti, et al., <i>Mol. Cell. Biol.</i> , 15(11):6075-6087 (1995).
C65	Petersen, et al., <i>Science</i> , 284:1168-1170 (1999).
C66	Petti, et al., <i>Blood</i> , 100(3):1065-1067 (2002).
C67	Petzer, et al., <i>J. Exp. Med.</i> , 183:2551-2558 (1996).
C68	Piacibello, et al., <i>Blood</i> , 89(8):2644-2653 (1997).
C69	Podesta, et al., <i>FASEB J.</i> , 14:680-690 (2000).
C70	Podesta, et al., <i>FASEB J.</i> , 17:310-312 (2003).
C71	Protti, et al., <i>Cancer Res.</i> , 56:1210-1213 (1996).
C72	Puccetti, et al., <i>Cancer Res.</i> , 62:7050-7058 (2002).
C73	Punzel, et al., <i>Leukemia</i> , 13(1):92-97 (1999).
C74	Purton, et al., <i>Blood</i> , 94(2):483-495 (1999).
C75	Purton, et al., <i>Blood</i> , 95(2):470-477 (2000).
C76	Rosenberg, et al., <i>J. Nat. Cancer Inst.</i> , 85(8):622-632 (1993).
C77	Ross, et al., <i>Analytical Chem.</i> , 41(13):1900-1902 (1969).
C78	Sandstrom, et al., <i>Blood</i> , 86(3):958-970 (1995).
C79	Schechter, et al., <i>Mol. Basis Blood Dis.</i> , 179-218 (1987).
C80	Shimizu, et al., <i>Pediatr Int.</i> , 41:419-422 (1999).
C81	Sieff, et al., <i>Blood</i> , 60(3):703-713 (1982).
C82	Siena, et al., <i>Exper. Hematol.</i> , 23:1463-1471 (1995).
C83	Sigurdsson, et al., <i>J. Biol. Chem.</i> , 278(47):46199-46202 (2003).
C84	Simon, et al., <i>Am. J. Hematol.</i> , 28(3):181-183 (1988).
C85	Sprangrude, et al., <i>Science</i> , 241:58-62 (1988).
C86	Suda, et al., <i>No To Hattatsu, English Abstract Only</i> , 25(5):429-434 (1993).
C87	Tashiro-Itoh, et al., <i>Liver</i> , 17(6):300-306 (1997).
C88	Tateno, et al., <i>Am. J. Pathol.</i> , 148(2):383-392 (1996).
C89	Tetraethylene Pentamine DOD Hazardous Material Information; 6810-00F017710 (1991).
C90	TheMerk Index, Merc & Co., Inc., USA, Tenth Edition, p. 3742 (1983).
C91	Thiotepa Product Identification Sheet; THIOTEPA; EM Science, 6505-01-047-3872 (1990).
C92	Trientine (Systemic), MEDLINEplus Drug Information.
C93	Triethylenetetramine Product Identification Sheet; TETA, TX1235; EM Science, 6810-00N052879 (1991).
C94	Ueno, et al., <i>Leukemia Res.</i> , 22(6):517-525 (1998).
C95	Van Epps, et al., <i>Blood Cells.</i> , 20:411-423 (1994).
C96	Vilensky et al., <i>Ann. Emerg. Med.</i> , 41:378-383 (2003).
C97	Wasa, et al., <i>J. Parent. Enteral Nutr.</i> , 18(3):190-192 (1994).
C98	Weissmann, I. L., <i>Science</i> , 287:1442-1446 (2000).

Express Mail Label: EV 392155865 US

Date of Deposit: June 29, 2004

Page 4 of 4

Attorney Docket No.: 24024-505

C99	Wick, et al., <i>ALTEX</i> , English Abstract only, 14(2):51-56 (1997).
C100	Williams, et al., <i>Blood</i> , 87(5):1687-1691 (1996).
C101	Zidar, et al., <i>Am. J. Hematol.</i> , 3:177-185 (1977).
C102	Zimmerman, et al., <i>J. Hematother.</i> , 5:247-253 (1996).
C103	Zon, L., <i>Blood</i> , 86(8):2876-2891 (1995).

A copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. _____, filed _____, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

Examiner Signature	/Maria Leavitt/	Date Considered	04/11/2011
-----------------------	-----------------	--------------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

TRA 1928582v1